

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/773, 274 A
Source: IFUO
Date Processed by STIC: 10-18-04

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 10/18/2004

PATENT APPLICATION: US/10/773,274A

TIME: 10:08:03

Input Set : A:\3781-009-27.ST25.txt

Output Set: N:\CRF4\09282004\J773274A.raw

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3 <110> APPLICANT: Chu, Yong Liang
4     Lai, Wan-Ching
5     Li, Frank Q.
7 <120> TITLE OF INVENTION: Polypeptide Bioconjugates, Methods of Making the
Bioconjugates
8     and Assays Employing the Bioconjugates
10 <130> FILE REFERENCE: 3781-009-27
12 <140> CURRENT APPLICATION NUMBER: US 10/773,274A
13 <141> CURRENT FILING DATE: 2004-02-09
15 <160> NUMBER OF SEQ ID NOS: 33
17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 8
21 <212> TYPE: PRT
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: polypeptides comprising antigenic determinants of
the SARS virus
W--> 27 <221> NAME/KEY: BINDING
28 <222> LOCATION: 8
29 <223> OTHER INFORMATION: Amino acid 8 is attached by CONH2
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33 1 5
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37 <211> LENGTH: 17
38 <212> TYPE: PRT
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: polypeptides comprising antigenic determinants of
the SARS virus
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46 1 5 10 15
47 Cys
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 14
53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
59 <400> SEQUENCE: 3
60 Phe Lys Cys Tyr Gly Val Ser Ala Thr Lys Leu Asn Asp Leu
61 1 5 10

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64 <210> SEQ ID NO: 4
65 <211> LENGTH: 19

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66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
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74 1 5 10 15
75 Phe Thr Asp
79 <210> SEQ ID NO: 5
80 <211> LENGTH: 13
81 <212> TYPE: PRT
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
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89 1 5 10
92 <210> SEQ ID NO: 6
93 <211> LENGTH: 19
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
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102 1 5 10 15
103 Lys Tyr Phe
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108 <211> LENGTH: 10
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
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116 Leu Leu Thr Asp Asp Met Ile Ala Ala Tyr
117 1 5 10
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121 <211> LENGTH: 21
122 <212> TYPE: PRT
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
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131 Ser Asn Val Thr Gly
132 20
135 <210> SEQ ID NO: 9
136 <211> LENGTH: 31

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137 <212> TYPE: PRT
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140 <220> FEATURE:
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155 <220> FEATURE:
156 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
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161 Glu Ala Glu Val Gln Ile Asp Arg
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170 <220> FEATURE:
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188 1 5 10 15
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193 <212> TYPE: PRT
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197 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
199 <400> SEQUENCE: 13
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201 1 5 10 15
202 Pro Arg Trp Tyr
203 20

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217 Asn Ser Thr Pro
218          20
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226 <220> FEATURE:
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232 Gly Lys Gly Gln
233          20
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244 <400> SEQUENCE: 16
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247 Lys Arg Thr Ala Thr Lys Gln Tyr Asn
248          20          25
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253 <212> TYPE: PRT
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
259 <400> SEQUENCE: 17
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261 1          5          10          15
262 Asp Asn Val Ile
263          20
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267 <211> LENGTH: 17
268 <212> TYPE: PRT
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:

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Input Set : A:\3781-009-27.ST25.txt

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272 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
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 281 <210> SEQ ID NO: 19
 282 <211> LENGTH: 15
 283 <212> TYPE: PRT
 284 <213> ORGANISM: Artificial Sequence
 286 <220> FEATURE:
 287 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
 289 <400> SEQUENCE: 19
 290 Leu Pro Gln Arg Gln Lys Lys Gln Pro Thr Val Thr Leu Leu Pro
 291 1 5 10 15
 294 <210> SEQ ID NO: 20
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 296 <212> TYPE: PRT
 297 <213> ORGANISM: Artificial Sequence
 299 <220> FEATURE:
 300 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
 302 <400> SEQUENCE: 20
 303 Pro Ala Ala Asp Met Asp Asp Phe Ser Arg Gln Leu Gln Asn Ser Met
 304 1 5 10 15
 305 Ser Gly Ala Ser Ala Asp Ser Thr
 306 20
 309 <210> SEQ ID NO: 21
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 311 <212> TYPE: PRT
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 315 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
 317 <400> SEQUENCE: 21
 318 Pro Ala Ala Asp Met Asp Asp Phe Ser Arg Gln Leu Gln Asn Ser
 319 1 5 10 15
 322 <210> SEQ ID NO: 22
 323 <211> LENGTH: 7
 324 <212> TYPE: PRT
 325 <213> ORGANISM: Artificial Sequence
 327 <220> FEATURE:
 328 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
 330 <400> SEQUENCE: 22
 331 Phe Pro Ser Val Tyr Ala Trp
 332 1 5
 335 <210> SEQ ID NO: 23
 336 <211> LENGTH: 6
 337 <212> TYPE: PRT
 338 <213> ORGANISM: Artificial Sequence
 340 <220> FEATURE:
 341 <223> OTHER INFORMATION: polypeptides comprising antigenic determinants of
 the SARS virus

VERIFICATION SUMMARY

DATE: 10/18/2004

PATENT APPLICATION: US/10/773,274A

TIME: 10:08:04

Input Set : A:\3781-009-27.ST25.txt

Output Set: N:\CRF4\09282004\J773274A.raw

L:27 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:31 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1